Title (en)

METHOD AND ARRANGEMENT FOR CODING AND SCHEDULING IN PACKET DATA COMMUNICATION SYSTEMS

Title (de)

VERFAHREN UND ANORDNUNG ZUM CODIEREN UND EINTEILEN IN PAKETDATENKOMMUNIKATIONSSYSTEMEN

Title (fr)

PROCEDE ET SYSTEME POUR LE CODAGE ET L'ORDONNANCEMENT DANS LES SYSTEMES DE COMMUNICATION DE DONNEES PAR PAQUETS

Publication

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Application

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Abstract (en)

[origin: WO2007008123A1] The method and arrangement according to the present invention relates to of scheduling and coding in communication systems utilizing automatic repeat request (ARQ) and/or multihop scheduling and forwarding. According to the inventive method the receiving nodes selectively stores received information, also overheard information, as a priori information and feed back information about their respective stored a priori information to a sending node. The sending node forms composite data packets by jointly encoding and scheduling multiple data packets, which composite data packets are transmitted to receiving nodes. Upon receiving a composite data packet the receiving nodes uses their stored a priori information in the process of extracting data for themselves from the composite data packets.

IPC 8 full level

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- No further relevant documents disclosed
- See references of WO 2007008123A1

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